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OM nucleic - nucleic search, using sw model

Run on: November 9, 2002, 01:44:11 : Search time 69 Seconds

(Without alignments)
2533.417 Million cell updates/sec

Title: US-09-895-298A-32_COPY_63_632

Perfect score: 570

Sequence: 1 atgatgaattccagctcc.....aagaagtaatccaagggcc 570

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued_patents_NA:*
2: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
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5: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	53.2	9.3	7218	1 US-08-232-463-14	Sequence 14, Appl
2	42.6	7.5	7218	1 US-08-232-463-14	Sequence 14, Appl
3	35	6.1	1142	3 US-08-672-850-3	Sequence 3, Appl
4	34.8	6.1	2394	3 US-09-027-064-1	Sequence 1, Appl
5	34.8	6.1	2394	4 US-09-271-815-1	Sequence 1, Appl
6	34	6.0	3483	4 US-09-130-491-3	Sequence 3, Appl
7	33.4	5.9	1335	4 US-09-134-001C-1509	Sequence 1509, Ap
8	33.4	5.9	3592	3 US-08-714-918-63	Sequence 63, Appl
9	33.4	5.9	3592	4 US-09-265-315-63	Sequence 63, Appl
10	33.4	5.9	3592	4 US-09-265-315-63	Sequence 63, Appl
11	33.4	5.9	3592	4 US-09-266-417-63	Sequence 63, Appl
12	33	5.8	683	4 US-08-882-164D-37	Sequence 37, Appl
13	32.8	5.8	882	4 US-09-461-697-205	Sequence 205, App
14	32.8	5.8	306	4 US-09-461-697-203	Sequence 203, App
15	32.8	5.8	696	4 US-09-461-697-193	Sequence 193, App
16	32.8	5.8	699	4 US-09-461-697-191	Sequence 191, App
17	32.8	5.8	717	4 US-09-461-697-189	Sequence 189, App
18	32.8	5.8	774	4 US-09-461-697-187	Sequence 187, App
19	32.8	5.8	819	4 US-09-461-697-185	Sequence 185, App
20	32.8	5.8	1488	4 US-09-134-001C-291	Sequence 291, App
21	32.8	5.8	1669	4 US-09-461-697-184	Sequence 184, App
22	32.2	5.6	567	4 US-09-134-001C-1412	Sequence 1412, Ap
23	31.8	5.6	289	4 US-09-007-005-17	Sequence 17, Appl
24	31.8	5.6	289	4 US-09-244-796-17	Sequence 17, Appl
25	31.8	5.6	2255	2 US-08-741-134-1	Sequence 2118, Ap
26	31.8	5.6	4089	4 US-09-134-001C-2118	Sequence 2118, Ap
27	31.6	5.5	1248	2 US-09-200-141-1	Sequence 1, Appl

C 28	31.6	5.5	1276	4 US-09-177-325-2	Sequence 2, Appl
C 29	31.6	5.5	1276	4 US-09-411-812A-2	Sequence 2, Appl
C 30	31.6	5.5	1276	4 US-09-590-113-2	Sequence 2, Appl
C 31	31.6	5.5	1485	1 US-08-471-601-23	Sequence 23, Appl
C 32	31.6	5.5	1485	1 US-08-474-556-23	Sequence 23, Appl
C 33	31.6	5.5	1485	1 US-08-479-382-23	Sequence 23, Appl
C 34	31.6	5.5	1485	1 US-08-470-354-23	Sequence 23, Appl
C 35	31.6	5.5	1485	1 US-08-479-383-23	Sequence 23, Appl
C 36	31.6	5.5	1485	2 US-08-479-041-23	Sequence 23, Appl
C 37	31.6	5.5	1485	4 US-08-819-646-23	Sequence 23, Appl
C 38	31.6	5.5	1485	4 US-09-195-716-23	Sequence 2, Appl
C 39	31.6	5.5	2277	1 US-08-676-967-2	Sequence 2, Appl
C 40	31.6	5.5	2277	1 US-08-676-974-2	Sequence 2, Appl
C 41	31.6	5.5	2277	2 US-09-098-487-2	Sequence 2, Appl
C 42	31.6	5.5	8920	2 US-08-446-855A-1	Sequence 1, Appl
C 43	31.6	5.5	8920	4 US-09-150-741-1	Sequence 1, Appl
C 44	31.6	5.5	34446	4 US-09-103-330-35	Sequence 35, Appl
C 45	31.2	5.5	1105	3 US-08-961-083-75	Sequence 75, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZpt-F1s
; US-08-232-463-14
Query Match 9.3%, Score 53.2, DB 1, Length 7218;

Best Local Similarity 6.0%; Pred. No. 2.8e-06;
Matches 19; Conservative 177; Mismatches 120; Indels 0; Gaps 0;

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QY 4 ATGAAATTCAGCGCTCGCAAGACCTGGCGGCGCTCAGAGATGAGTCTTCTTATC 63
Db 1026 ATTAATTCAGAGCTGGCTGAGCTGAGGAGCTGCGATTTTTTTTTTTTTT 1085
QY 64 TTCTTGCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 123
Db 1086 TTTTCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 1145
QY 124 AGATGAAGCTTACGCTGCTGCTGCTTTCAGAGCTGCTCTTCTTCTTCTC 183
Db 1146 TTTTCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 1205
QY 184 ATCTACAGCTGATGACACCTAGTACACGGGCTGCTACCGTGGTGTGATC 243
Db 1206 TTTTCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 1265
QY 244 TATCGAAGCTGATGAGCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCT 303
Db 1266 TTTTCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 1325
QY 304 ATCACCATCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 319
Db 1326 TTTTCTTTTCCATCTTCCACCGGGGCTGTGACACCGCCATCACCATCTGG 1341
```

RESULT 2
US-08-232-463-14/C
Sequence 14, Application US/08232463
Patent No. 5670367

GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.

APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299

COMPUTER READABLE FORM:
MEDIUM TYPE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)836-4109
TELEX: 899149

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

IMMEDIATE SOURCE:
CLONE: PTZgpt-Fls
US-08-232-463-14

Query Match 7.5%; Score 42.6; DB 1; Length 7218;
Best Local Similarity 1.2%; Pred. No. 0.0052;
Matches 3; Conservative 18; Mismatches 92; Indels 0; Gaps 0;

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QY 316 TACTGCGATCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 375
Db 1437 TACRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1378
QY 376 AATGAGGCAAGATAAATGTTCTGATGAGGAGGAGGAGGAGGAGGAGGAG 435
Db 1377 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1318
QY 436 AAGAAAGCAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 495
Db 1317 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1258
QY 496 TTGATTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 555
Db 1257 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1198
QY 556 GGTAAATCAAGG 568
Db 1197 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1185
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RESULT 3
US-08-672-850-3
Sequence 3, Application US/08672850
Patent No. 6140117

GENERAL INFORMATION:
APPLICANT: Milbrandt, Jeffrey
APPLICANT: ARAKI, Toshiyuki

APPLICANT: NINURIN
TITLE OF INVENTION: NINURIN
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/672,850
FILING DATE: 24-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-63610
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1142 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
US-08-672-850-3

Query Match 6.1%; Score 35; DB 3; Length 1142;
Best Local Similarity 50.9%; Pred. No. 0.42;
Matches 83; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

FILING DATE: March 9, 1999
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/714,918
 FILING DATE: September 13, 1996
 APPLICATION NUMBER: 60/009,102
 FILING DATE: December 22, 1995
 APPLICATION NUMBER: 60/003,798
 FILING DATE: September 15, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 240/247
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 63:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3592 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 US-09-265-315-63

Query Match	Best Local Similarity	5.9%: Score 33.4; DB 4; Length 3592;
Matches	82; Conservative	1; Mismatches 87; Indels 0; Gaps 0;
QY 143	ACTGTGGCCCTTTTCGAGTGTGCGCTCTTCATTCACATCCATCTACAGCTGATCGACA	202
Db 710	ACTTATGCTTTATTTANAGTCTTTTAGCGCACAGTAACACTTCAGAAAGCGGNACNGAA	651
QY 203	CCCTAAGTACAGGCGCTGCTACCTGTGGGTTGTTGATCTATCGAAGCCTCATGGAA	262
Db 650	CCTTCATTCACATGAAGATGATATATCCATGTCCTTCGCTCTTTAAGCATCATTTAGAA	591
QY 263	GTGTGCATCTTTTTCATCCGCAACCCATGTGCTCATATCATCAACTAT	312
Db 590	GTNNCAATTTGCTTCAGTATCTTACCTTTTATTTAATTTAACAAGATTT	541

RESULT 10
 US-09-265-315-63/C
 Sequence 63, Application US/09265315
 Patent No. 6187541
 GENERAL INFORMATION:
 APPLICANT: Benton, Bret
 APPLICANT: Lee, Vling J.
 APPLICANT: Malouin, Francois
 APPLICANT: Martin, Patrick K.
 APPLICANT: Schmid, Molly B.
 APPLICANT: Sun, Dongxu
 TITLE OF INVENTION: METHODS OF SCREENING FOR COMPOUNDS
 TITLE OF INVENTION: ACTIVE ON STAPHYLOCOCCUS AUREUS
 TITLE OF INVENTION: TARGET GENES
 NUMBER OF SEQUENCES: 111
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U S A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/265,315

1 FILING DATE: March 9, 1999
 2 CLASSIFICATION: 435
 3 PRIOR APPLICATION DATA:
 4 APPLICATION NUMBER: 08/714,918
 5 FILING DATE: September 13, 1996
 6 APPLICATION NUMBER: 60/009,102
 7 FILING DATE: December 22, 1995
 8 APPLICATION NUMBER: 60/003,798
 9 FILING DATE: September 15, 1995
 10 ATTORNEY/AGENT INFORMATION:
 11 NAME: Warburg, Richard J.
 12 REGISTRATION NUMBER: 32,327
 13 REFERENCE/DOCKET NUMBER: 240/247
 14 TELECOMMUNICATION INFORMATION:
 15 TELEPHONE: (213) 489-1600
 16 TELEFAX: (213) 955-0440
 17 TELEX: 67-3510
 18 INFORMATION FOR SEQ ID NO: 63:
 19 SEQUENCE CHARACTERISTICS:
 20 LENGTH: 3592 base pairs
 21 TYPE: nucleic acid
 22 STRANDEDNESS: single
 23 TOPOLOGY: linear
 24
 25 US-09-265-315-63

	Query Match	Similarity	5.9%;	Score 33.4;	DB 4;	Length 3592;
	Best Local	Similarity	48.2%;	Pred. No. 2.4;		
	Matches	82;	Conservative	1;	Mismatches	87;
					Indels	0;
					Gaps	0;
QY	143	ACTGTGGCCCTTTTCGAGAGTCTGCTCTTCATTCACCTCCATCTACAGCTGGATGCACA	202			
Db	710	ACTTATAGCTTTATTTNAGTCTTTTAGCCACACAGTAACATCTAGAAAGCGGNACNGAA	651			
QY	203	CCCTAAGTACACGGCCTGSGCTACCTGTGGGTTGTTTGAATCTAAGGAACCTCATTTGGA	262			
Db	650	CCCTCATTCACATAGATGGATATATCCAGTTCGCTTCGCTTTTAAAGCATCATTTAGAA	591			
QY	263	GTGTCACTTCTTTTTCATCCCAACCCATTTGTGCTATATCATCAACTAT	312			
Db	590	GTNNAAATTTGCTTCAGTATCTTTACCTTTTATTTTAAACAGATTT	541			

RESULT 11
 US-09-266-417-63/c
 ; Sequence 63, Application US/09266417
 ; Patent No. 6228588
 ; GENERAL INFORMATION:
 APPLICANT: Benton, Bret
 APPLICANT: Lee, Vling J.
 APPLICANT: Malouin, Francois
 APPLICANT: Martin, Patrick K.
 APPLICANT: Schmid, Molly B.
 APPLICANT: Sun, Dongxu
 TITLE OF INVENTION: METHODS OF SCREENING FOR COMPOUNDS
 TITLE OF INVENTION: ACTIVE ON STAPHYLOCOCCUS AUREUS
 TITLE OF INVENTION: TARGET GENES
 NUMBER OF SEQUENCES: 111
 ; CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/266,417

Query Match	5.8%;	Score 32.8;	DB 4;	Length 306;
Best Local Similarity	54.0%;	Pred. No. 0.96;		
Matches 67;	Conservative 0;	Mismatches 57;	Indels 0;	Gaps 0;
QY 323	AGATCACAGAGGGAAGATTTATGATNAGGCTGCTCCATGACGACGATCATTAATGAGG	382		
Db 74	AGATGAAAAAAGGGGAGAGNAGATGCAAAAAGAGGATTAATAATGAGAAAGAGAGAGA	133		
QY 383	GCAAGATAAAATGTTCTGTATAGAAAAATTGATCAAGCTGCAGGATTTGCGAAGAANG	442		
Db 134	TGCAAAAGNAGNAGNAGATGTGAAAAAAGGTGAAACGCAAAAGCAAAATGCGAAGATGG	193		
QY 443	CAAA 446			
Db 194	AAAA 197			

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RESULT 15
US-09-461-697-193
; Sequence 193, Application US/09461697
; Patent No. 6277974
; GENERAL INFORMATION:
; APPLICANT: COGENT NEUROSCIENCE, Inc.
; APPLICANT: Lo, Donald C.
; APPLICANT: Barney, Shawn
; APPLICANT: Thomas, Mary Beth
; APPLICANT: Portbury, Stuart D.
; APPLICANT: Putnam, Kesturt
; APPLICANT: Katz, Lawrence C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
; TITLE OF INVENTION: CELL DEATH
; FILE REFERENCE: 10001-005-999
; CURRENT APPLICATION NUMBER: US/09/461,697
; CURRENT FILING DATE: 1999-12-14
; NUMBER OF SEQ. ID NOS.: 466
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ. ID NO 193
; LENGTH: 696
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-461-697-193

Query Match      5.8%;   Score 32.8;   DB 4;   Length 696;
Best Local Similarity 54.0%;   Pred. No. 1.5;
Matches 67;   Conservative 0;   Mismatches 57;   Indels 0;   Gaps 0;

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QY	323	AGATCACGAGGAAAGGAAGTTATGATTAAGCGCTGCATGAGCATCATTAATGAGG	382
Db	294	AGATGAAAAAGGGGAGAGAGATGGAAAAAGAGCATAAAAATGAAATAGAAAAGGAGAGA	353
QY	383	GCAAGATPAAATGTTCCTGTAGAAAAATGATCAAGCTGCAGGATATGAGAGAAGAAG	442
Db	354	TGCATAAGCAAGAAAGATGTGAAAAAAGGTGAAGACGGAAGAAATGGAGAGATGG	413
QY	443	CAAA	446
Db	414	AAAA	417

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